

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5668048

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	PATENT SECURITY AGREEMENT

**CONVEYING PARTY DATA**

Name	Execution Date
SCIQUEST, INC.	08/14/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	UBS AG, STAMFORD BRANCH, AS FIRST LIEN COLLATERAL AGENT
<b>Street Address:</b>	600 WASHINGTON BLVD.
<b>Internal Address:</b>	9TH FLOOR
<b>City:</b>	STAMFORD
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06901

**PROPERTY NUMBERS Total: 47**

Property Type	Number
Patent Number:	6944613
Patent Number:	8930244
Patent Number:	8359245
Patent Number:	8065189
Patent Number:	8065202
Patent Number:	8694429
Patent Number:	8112317
Patent Number:	8285573
Patent Number:	8069096
Patent Number:	8756117
Patent Number:	9245291
Patent Number:	8635123
Patent Number:	9245289
Patent Number:	7587377
Patent Number:	8515814
Patent Number:	8494935
Patent Number:	8732047
Patent Number:	7353191
Patent Number:	7475035

PATENT

Property Type	Number
Patent Number:	7487124
Patent Number:	7844540
Patent Number:	7835980
Patent Number:	7305363
Patent Number:	7716110
Patent Number:	7640189
Patent Number:	7716101
Patent Number:	7783529
Patent Number:	8060433
Patent Number:	7742971
Patent Number:	7610236
Patent Number:	7499880
Patent Number:	7577589
Patent Number:	8165921
Patent Number:	8190489
Patent Number:	8190490
Patent Number:	8195524
Patent Number:	7010505
Patent Number:	6272473
Application Number:	14307485
Application Number:	14248325
Application Number:	10400246
Application Number:	10400285
Application Number:	11396410
Application Number:	11805087
Application Number:	11881737
Application Number:	13944932
Application Number:	13949472

**CORRESPONDENCE DATA**

**Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 800-494-5225

**Email:** ipteam@cogencyglobal.com

**Correspondent Name:** STEWART WALSH

**Address Line 1:** 1025 VERMONT AVE NW, STE 1130

**Address Line 2:** COGENCY GLOBAL INC.

**Address Line 4:** WASHINGTON, D.C. 20005

<b>ATTORNEY DOCKET NUMBER:</b>	1118571 PAT
<b>NAME OF SUBMITTER:</b>	CHRISTIAN CRAFT
<b>SIGNATURE:</b>	/Christian Craft/
<b>DATE SIGNED:</b>	08/14/2019

**Total Attachments: 8**

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## Patent Security Agreement

PATENT SHORT FORM SECURITY AGREEMENT dated as of August 14, 2019 (this “**Agreement**”), among SciQuest, Inc., a Delaware corporation (the “**Grantor**”) and UBS AG, Stamford Branch, as First Lien Collateral Agent (in such capacity, together with its successors and assigns, the “**First Lien Collateral Agent**”).

WHEREAS, S2P Acquisition MiddleCo, Inc., a Delaware corporation (“**Holdings**”), S2P Acquisition Borrower, Inc., a Delaware corporation (the “**Borrower**”), the Lenders party thereto, UBS AG, Stamford Branch, as Administrative Agent (together with its successors and assigns, the “**Administrative Agent**”), and the other parties from time to time party thereto have entered into the First Lien Credit Agreement dated as of August 14, 2019 (as amended, amended and restated, extended, refinanced, replaced, supplemented or otherwise modified from time to time, the “**Credit Agreement**”). The Lenders have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement conditioned upon, among other things, the execution and delivery of this Agreement.

WHEREAS, in connection with the Credit Agreement, the Grantor executed that First Lien Security Agreement (as amended, amended and restated, extended, refinanced, replaced, supplemented or otherwise modified from time to time, the “**Security Agreement**”) dated as of August 14, 2019, among Holdings, the Borrower, the other Subsidiary Parties named therein and the First Lien Collateral Agent pursuant to which the Grantor is required to execute and deliver this Agreement.

NOW, THEREFORE, in consideration of the foregoing and in order to induce the Lenders to make the Loans under the Credit Agreement and to induce the issuance of the Letters of Credit under the Credit Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor hereby makes covenants and agrees with the First Lien Collateral Agent for the benefit of the Secured Creditors as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Security Agreement. The rules of construction specified in Section 1.04 of the Credit Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Obligations, including the Guaranty, the Grantor, pursuant to the Security Agreement, hereby grants to the First Lien Collateral Agent, its successors and assigns, for the benefit of the Secured Creditors, a security interest in all right, title and interest in, to and under any and all of the following assets and properties now owned or at any time hereafter during the term of the Credit Agreement acquired by such Grantor or in which such Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the “**Patent Collateral**”):

(a) all letters patent of the United States, all registrations and recordings thereof, and all applications for letters patent of the United States, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any similar offices in any jurisdiction, including those listed on Schedule I, and

(b) all reissues, continuations, divisions, continuations-in-part, reexaminations, renewals or extensions of any of the foregoing, and the inventions disclosed or claimed in any of the foregoing, including the right to make, have made, import, use, offer to sell and/or sell the inventions disclosed or claimed in any of the foregoing, together with

(c) any and all (i) rights to sue or otherwise recover for past, present or future infringements or other violations of any of the foregoing and (ii) rights corresponding to any of the foregoing throughout the world.

SECTION 3. Purpose. This Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interests herein with the United States Patent and Trademark Office. The security interests granted to the First Lien Collateral Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the First Lien Collateral Agent pursuant to the Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of the First Lien Collateral Agent with respect to the Patent Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Security Agreement, the terms of the Security Agreement shall govern.

SECTION 4. Recordation. The Grantor hereby authorizes and requests that the United States Patent and Trademark Office record this Agreement.

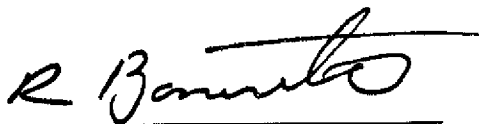
SECTION 5. Applicable Law. THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

SECTION 6. Counterparts. This Agreement may be executed in multiple counterparts, each of which shall be an original and all of which collectively shall be one and the same agreement.

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IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

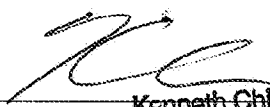
SCIQUEST, INC.,  
as Grantor

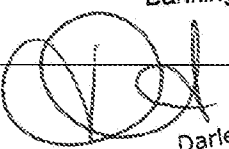
By:   
Name: Robert Bonavito  
Title: President and Chief Executive  
Officer

[Signature Page to Patent Security Agreement]

**PATENT**  
**REEL: 050049 FRAME: 0693**

**UBS AG, STAMFORD BRANCH,**  
as First Lien Collateral Agent

By:   
Name: Kenneth Chin  
Title: Director  
Banking Products Services, US

By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Darlene Arias  
Director

[Signature Page to Patent Security Agreement]

Schedule I

United States Patents and Pending Patent Applications

<u>Title</u>	<u>Jurisdiction</u>	<u>Patent No.</u> <u>(App. No.)</u>	<u>Issue Date</u> <u>(Fil. Date)</u>	<u>Owner</u>
METHOD AND SYSTEM FOR CREATING A DATABASE AND SEARCHING THE DATABASE FOR ALLOWING MULTIPLE CUSTOMIZED VIEWS	United States	6,944,613 (10/318,814)	13-Sep-2005 (13-Dec-2002)	SCIQUEST, INC.
METHOD, MEDIUM, AND SYSTEM FOR PROCESSING REQUISITIONS	United States	8,930,244 (12/007,815)	06-Jan-2015 (15-Jan-2008)	SCIQUEST, INC.
TAXONOMY AND DATA STRUCTURE FOR AN ELECTRONIC PROCUREMENT SYSTEM	United States	8,359,245 (12/283,276)	22-Jan-2013 (09-Sep-2008)	SCIQUEST, INC.
METHOD, MEDIUM, AND SYSTEM FOR AUTOMATICALLY MOVING ITEMS FROM A FIRST SHOPPING CART TO A SECOND SHOPPING CART	United States	8,065,189 (12/283,275)	22-Nov-2011 (09-Sep-2008)	SCIQUEST, INC.
FORM MANAGEMENT IN AN ELECTRONIC PROCUREMENT SYSTEM	United States	8,065,202 (12/283,280)	22-Nov-2011 (09-Sep-2008)	SCIQUEST, INC.
IDENTIFYING AND RESOLVING DISCREPANCIES BETWEEN PURCHASE DOCUMENTS AND INVOICES	United States	8,694,429 (12/283,277)	08-Apr-2014 (09-Sep-2008)	SCIQUEST, INC.
PROVIDING SUBSTITUTE ITEMS WHEN ORDERED ITEM IS UNAVAILABLE	United States	8,112,317 (12/283,278)	07-Feb-2012 (09-Sep-2008)	SCIQUEST, INC.
PRIORITIZING ORDERS/RECEIPT OF ITEMS BETWEEN USERS	United States	8,285,573 (12/283,281)	09-Oct-2012 (09-Sep-2008)	SCIQUEST, INC.
MULTI-CONSTITUENT ATTRIBUTION OF A VENDOR'S PRODUCT CATALOG	United States	8,069,096 (12/286,508)	29-Nov-2011 (29-Sep-2008)	SCIQUEST, INC.
SKU BASED CONTRACT MANAGEMENT IN AN ELECTRONIC PROCUREMENT SYSTEM	United States	8,756,117 (12/286,506)	17-Jun-2014 (29-Sep-2008)	SCIQUEST, INC.
METHOD, MEDIUM, AND SYSTEM FOR PURCHASE REQUISITION IMPORTATION	United States	9,245,291 (12/286,507)	26-Jan-2016 (29-Sep-2008)	SCIQUEST, INC.
SYSTEMS AND METHODS FOR MANAGING SUPPLIER INFORMATION BETWEEN AN ELECTRONIC PROCUREMENT SYSTEM AND BUYERS' SUPPLIER MANAGEMENT	United States	8,635,123 (13/088,235)	21-Jan-2014 (15-Apr-2011)	SCIQUEST, INC.



<u>Title</u>	<u>Jurisdiction</u>	<u>Patent No.</u> (App. No.)	<u>Issue Date</u> (Fil. Date)	<u>Owner</u>
SYSTEMS				
TAXONOMY AND DATA STRUCTURE FOR AN ELECTRONIC PROCUREMENT SYSTEM	United States	9,245,289 (13/747,396)	26-Jan-2016 (22-Jan-2013)	SCIQUEST, INC.
METHOD OF SCORING AND AUTOMATICALLY QUALIFYING SEARCH RESULTS BASED ON A PRE-DEFINED SCORING MATRIX RELATING TO A KNOWLEDGE DOMAIN OF THIRD-PARTIES INVOKING A RULE CONSTRUCTION TOOL TO CONSTRUCT SCORING RULES TO ANSWERS FOR QUESTIONS WITHIN THE KNOWLEDGE	United States	7,587,377 (11/555,583)	08-Sep-2009 (01-Nov-2006)	SCIQUEST, INC.
AUTOMATED CHANNEL ABSTRACTION FOR ADVERTISING AUCTIONS	United States	8,515,814 (12/616,217)	20-Aug-2013 (11-Nov-2009)	SCIQUEST, INC.
SYSTEM AND METHOD FOR PAYMENT RECONCILIATION AGAINST EXPRESSIVE CONTRACTS	United States	8,494,935 (12/605,552)	23-Jul-2013 (26-Oct-2009)	SCIQUEST, INC.
SYSTEM AND METHOD FOR CONTRACT EXECUTION AGAINST EXPRESSIVE CONTRACTS	United States	8,732,047 (12/605,575)	20-May-2014 (26-Oct-2009)	SCIQUEST, INC.
METHOD AND APPARATUS FOR SELECTING A DESIRABLE ALLOCATION OF BIDS IN A COMBINATORIAL EXCHANGE SETTING	United States	7,353,191 (11/065,333)	01-Apr-2008 (24-Feb-2005)	SCIQUEST, INC.
BIDDING LANGUAGE FOR COMBINATORIAL AUCTIONS AND METHOD OF USE THEREOF	United States	7,475,035 (10/211,771)	06-Jan-2009 (02-Aug-2002)	SCIQUEST, INC.
METHOD AND APPARATUS FOR SOLVING CONCISELY EXPRESSED COMBINATORIAL AUCTION PROBLEMS	United States	7,487,124 (10/618,238)	03-Feb-2009 (11-Jul-2003)	SCIQUEST, INC.
CONCISELY EXPRESSED COMBINATORIAL AUCTION PROBLEM SOLVING METHOD	United States	7,844,540 (12/262,586)	30-Nov-2010 (31-Oct-2008)	SCIQUEST, INC.
CONCISELY EXPRESSED COMBINATORIAL AUCTION PROBLEM SOLVING METHOD	United States	7,835,980 (12/334,989)	16-Nov-2010 (15-Dec-2008)	SCIQUEST, INC.
METHOD FOR OPTIMAL WINNER DETERMINATION IN COMBINATORIAL AUCTIONS	United States	7,305,363 (09/789,480)	04-Dec-2007 (20-Feb-2001)	SCIQUEST, INC.

<u>Title</u>	<u>Jurisdiction</u>	<u>Patent No.</u> (App. No.)	<u>Issue Date</u> (Fil. Date)	<u>Owner</u>
BRANCH ON BID SEARCHING METHOD AND APPARATUS		7,716,110 (10/410,859)	11-May-2010 (10-Apr-2003)	SCIQUEST, INC.
COMBINATORIAL AUCTION BRANCH ON BID SEARCHING METHOD AND APPARATUS	United States	7,640,189 (10/411,879)	29-Dec-2009 (10-Apr-2003)	SCIQUEST, INC.
METHOD FOR OPTIMAL WINNER DETERMINATION IN COMBINATORIAL AUCTIONS	United States	7,716,101 (11/712,196)	11-May-2010 (28-Feb-2007)	SCIQUEST, INC.
MARKET CLEARABILITY IN COMBINATORIAL AUCTIONS AND EXCHANGES	United States	7,783,529 (10/410,876)	24-Aug-2010 910-Apr-2003)	SCIQUEST, INC.
METHOD OF DETERMINING AN EXCHANGE ALLOCATION THAT PROMOTES TRUTHFUL BIDDING AND IMPROVES THE OBTAINMENT OF EXCHANGE OBJECTIVES	United States	8,060,433 (11/649,082)	15-Nov-2011 (03-Jan-2007)	SCIQUEST, INC.
PREFERENCE ELICITATION IN COMBINATORIAL AUCTIONS	United States	7,742,971 (10/412,643)	22-Jun-2010 (10-Apr-2003)	SCIQUEST, INC.
METHOD AND APPARATUS FOR FORMING EXPRESSIVE COMBINATORIAL AUCTIONS AND EXCHANGES	United States	7,610,236 (10/254,241)	27-Oct-2009 (25-Sep-2002)	SCIQUEST, INC.
DYNAMIC EXCHANGE METHOD AND APPARATUS	United States	7,499,880 (10/803,549)	03-Mar-2009 (18-Mar-2004)	SCIQUEST, INC.
METHOD AND APPARATUS FOR CONDUCTING A DYNAMIC EXCHANGE	United States	7,577,589 (10/997,765)	18-Aug-2009 (24-Nov-2004)	SCIQUEST, INC.
DYNAMIC EXCHANGE METHOD AND APPARATUS	United States	8,165,921 (12/368,354)	24-Apr-2012 (10-Feb-2009)	SCIQUEST, INC.
BID MODIFICATION BASED ON LOGICAL CONNECTIONS BETWEEN TRIGGER GROUPS IN A COMBINATORIAL EXCHANGE	United States	8,190,489 (12/504,262)	29-May-2012 (16-Jul-2009)	SCIQUEST, INC.
OVERCONSTRAINT DETECTION, RULE RELAXATION AND DEMAND REDUCTION IN A COMBINATORIAL EXCHANGE	United States	8,190,490 (12/508,129)	29-May-2012 (23-Jul-2009)	SCIQUEST, INC.
ITEMS RATIO BASED PRICE / DISCOUNT ADJUSTMENT IN A COMBINATORIAL AUCTION	United States	8,195,524 (12/509,715)	05-Jun-2012 (27-Jul-2009)	SCIQUEST, INC.
METHOD OF SELECTING ONE OR MORE BIDS IN A COMBINATORIAL AUCTION	United States	7,010,505 (09/918,164)	07-Mar-2006 (30-Jul-2001)	SCIQUEST, INC.
METHOD, APPARATUS, AND EMBODIED DATA STRUCTURES FOR OPTIMAL	United States	6,272,473 (09/179,659)	7-Aug-2001 (27-Oct-1998)	SCIQUEST, INC.

<u>Title</u>	<u>Jurisdiction</u>	<u>Patent No. (App. No.)</u>	<u>Issue Date (Fil. Date)</u>	<u>Owner</u>
ANYTIME WINNER DETERMINATION IN COMBINATORIAL AUCTION-TYPE PROBLEMS	United States			
SKU Based Contract Management in an Electronic Procurement System	United States	NA (14/307,485)	NA (17-Jun-2014)	SCIQUEST, INC.
Identifying and Resolving Discrepancies Between Purchase Documents and Invoices	United States	NA (14/248,325)	NA (8-Apr-2014)	SCIQUEST, INC.
Direct output method for targeting negotiation opportunities	United States	NA (10/400,246)	NA (27-Mar-2003)	SCIQUEST, INC.
Allocation based method for targeting negotiation opportunities	United States	NA (10/400,285)	NA (27-Mar-2003)	SCIQUEST, INC.
System for and method of expressive sequential auctions in a dynamic environment on a network	United States	NA (11/396,410)	NA (31-Mar-2006)	SCIQUEST, INC.
Optimal selection of communications common carrier plans	United States	NA (11/805,087)	NA (22-May-2007)	SCIQUEST, INC.
System for and method of expressive auctions of user events	United States	NA (11/881,737)	NA (27-Jul-2007)	SCIQUEST, INC.
SYSTEM AND METHOD FOR PAYMENT RECONCILIATION AGAINST EXPRESSIVE CONTRACTS	United States	NA (13/944,932)	NA (18-Jul-2013)	SCIQUEST, INC.
Automated Channel Abstraction for Advertising Auctions	United States	NA (13/949,472)	NA (24-Jul-2013)	SCIQUEST, INC.

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